

NOTES:

1. IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" MAKROLON-AR POLYCARBONATE (MIAMI-DADE NOA #07-0313.04) OR EQUAL. MAXIMUM GLAZING DIMENSIONS SHALL BE 18.56" x 12.26". SEE DETAIL A ON SHEET 2 FOR ASSEMBLY DETAILS.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

4. SECTION STEEL TO HAVE A MINIMUM 24 GA THICKNESS WITH A MINIMUM G90 COATING AND A MINIMUM YIELD STRENGTH OF 33.8 KSI.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. WOOD SUBSTRATE FOR DOOR JAMB IS TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE. REFER TO SHEET 3 FOR ATTACHMENT TO SUPPORTING STRUCTURE, FOR DIRECT MOUNTING OF JAMB BRACKETS TO OTHER SUBSTRATES, SEE JAMB DETAIL SHEET 2. FOR MOUNTING OF CONTINUOUS WALL ANGLE, SEE CONTINUOUS WALL ANGLE DETAIL SHEET 3.

7. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

8. LOUVERS MAY BE INSTALLED ON THE DOOR IF THE TOTAL AREA OF THE LOUVER DOES NOT EXCEED 60 SQUARE INCHES.

P2

P1

P2

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.

KEY LOCK OR SLIDE LOCK ONE END (NOT REQUIRED WITH OPERATOR - SEE NOTE 3). SLIDE LOCK SHOWN FOR CLARITY

13 GA HORIZ ANGLE
13 GA FLAG ANGLE
16 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN)
15 GA MIN VERT TRACK
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS (INSIDE OF EACH END HINGE)

2" NYLON WINDLOAD ROLLER WITH 4-1/2" STEM

14 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

18 GA NARROW BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW

20 GA CENTER STILE

DOOR

REVISIONS

P1 MODIFIED TRACK NOTE FOR DOORS WITH DECORATIVE OVERLAYS. ADDED CONTINUOUS WALL ANGLE DETAIL SHEET 3. UPDATED NOTES FOR CONTINUOUS WALL ANGLE MOUNTING.
GRT 10/1/07

P2 ADDED IMPACT RESISTANT GLAZING. MODIFIED NOTES SHEET 1 FOR GLAZING. ADDED DETAIL A SHEET 2 FOR GLAZING.
GRT 11/10/07

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+184.0/-208.0
9'-0"	ALL	+207.0/-234.0

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)
7'-6"	5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)
8'-0"	5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 75-1/2" (JB-US)
> 8'-0"			SEE NOTE BELOW

NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT OR WITH DECORATIVE OVERLAY REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 3 FOR DETAILS.

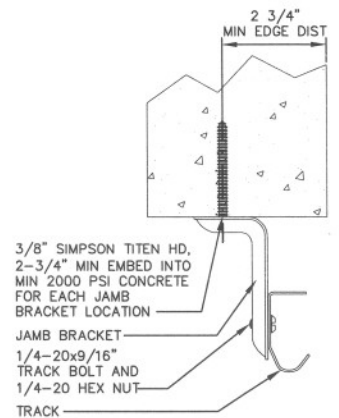
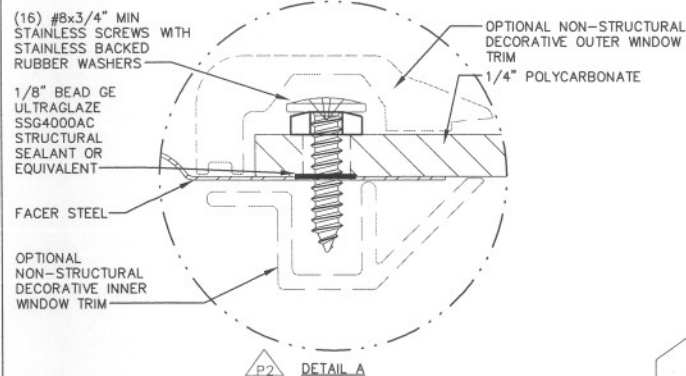
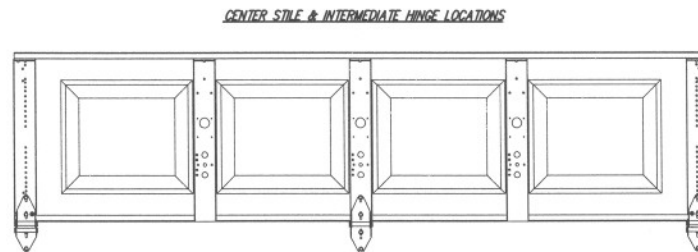
P1

Wayne® Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+46.00/-52.00	MAX WIDTH:	9'-0"	DATE		NAME	
TEST (PSF):	+69.00/-78.00	MAX HEIGHT:	14'-0"	DRAWN	2/22/07	GRT	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"	CHECKED	5/4/07	MRB		
MODELS 8024/8124						SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 1300						DRAWING PART NO.	REV.
						329928	P2

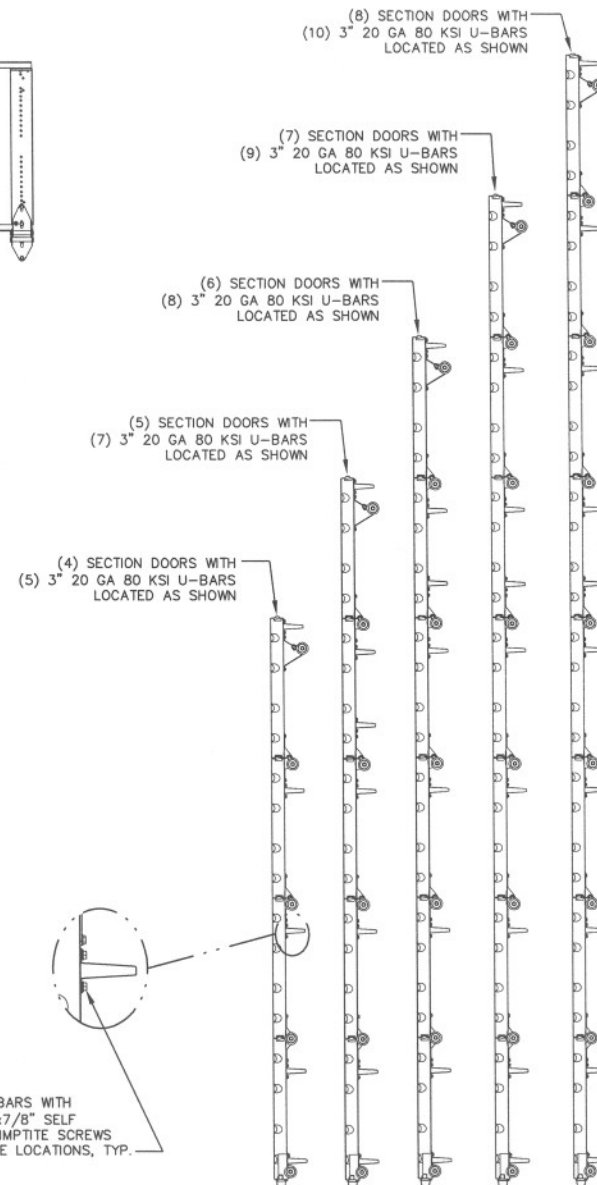
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CONCRETE MOUNTING DETAIL

ATTACH U-BARS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS AT ALL STILE LOCATIONS, TYP.

U-BAR LOCATIONS



REVISIONS

P1 MODIFIED TRACK NOTE FOR DOORS WITH DECORATIVE OVERLAYS. ADDED CONTINUOUS WALL ANGLE DETAIL SHEET 3. UPDATED NOTES FOR CONTINUOUS WALL ANGLE MOUNTING. GRT 10/1/07

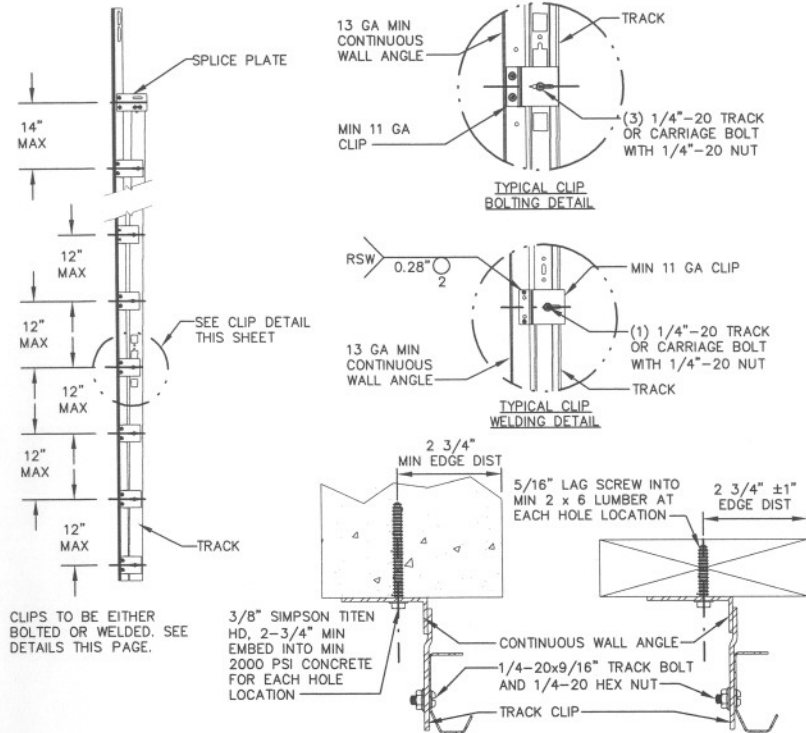
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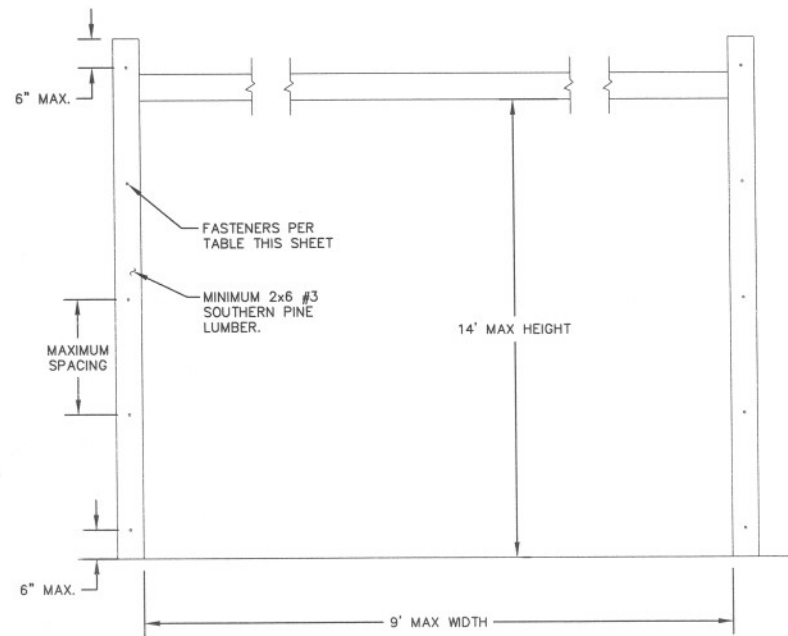
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△ P1 CONTINUOUS WALL ANGLE DETAILS

MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)		
3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE ^{NOTE 1}	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU ^{NOTE 2}	3/8" x 3" LONG LAG SCREW ^{NOTE 3}
24	24	24

1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +207.0/-234.0 LBS PER FOOT.
6. CHART INCLUDES A SAFETY FACTOR OF 4.
7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.
8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.
9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.



REVISIONS

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GRT 10/1/07
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GRT 11/10/07


 6/26/08
 TX PE 93119
 MARK R. BARROW, PE
 FLORIDA LICENSE NO. 57389

Wayne® Dalton
 3395 ADDISON DRIVE
 PENSACOLA, FLORIDA 32514
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MODELS 8024/8124				SHEET 3 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 1300				DRAWING PART NO.	329928	REV.	P2